

## PCT REQUEST

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0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	<b>PCT-SAFE</b> <b>Version 3.50 (Build 0002.162)</b>
0-5	<b>Petition</b>  The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	<b>Korean Intellectual Property Office (RO/KR)</b>
0-7	Applicant's or agent's file reference	<b>SH-21709-PCT</b>
I	Title of Invention	<b>INTERLEAVING METHOD FOR LOW DENSITY PARITY CHECK ENCODING</b>
II	Applicant	
II-1	This person is	<b>applicant only</b>
II-2	Applicant for	<b>all designated States except US</b>
II-4	Name	<b>SAMSUNG ELECTRONICS CO., LTD.</b>
II-5	Address	<b>416, Maetan-dong, Yeongtong-gu Suwon-si Gyeonggi-do 442-742 Republic of Korea</b>
II-6	State of nationality	<b>KR</b>
II-7	State of residence	<b>KR</b>
II-8	Telephone No.	<b>82-31-200-3063</b>
II-9	Facsimile No.	<b>82-31-200-3272</b>
II-10	e-mail	<b>ok.hyung@samsung.com</b>
II-11	Applicant's registration No. with the Office	<b>1-1998-104271-3</b>

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III-1	Applicant and/or inventor	
III-1-1	This person is	<b>applicant and inventor</b>
III-1-2	Applicant for	<b>US only</b>
III-1-4	Name (LAST, First)	<b>KIM, Ki-Hyun</b>
III-1-5	Address	<b>103-1103 Mujigae Maeul Daerim Apt., 211 Gumi-dong, Bundang-gu, Seongnam-si Gyeonggi-do463-703 Republic of Korea</b>
III-1-6	State of nationality	<b>KR</b>
III-1-7	State of residence	<b>KR</b>
III-2	Applicant and/or inventor	
III-2-1	This person is	<b>applicant and inventor</b>
III-2-2	Applicant for	<b>US only</b>
III-2-4	Name (LAST, First)	<b>LEE, Yoon-Woo</b>
III-2-5	Address	<b>725-503 Hyundai Apt., 989-2 Yeongtong-dong, Yeongtong-gu, Suwon-si Gyeonggi-do443-736 Republic of Korea</b>
III-2-6	State of nationality	<b>KR</b>
III-2-7	State of residence	<b>KR</b>
III-3	Applicant and/or inventor	
III-3-1	This person is	<b>applicant and inventor</b>
III-3-2	Applicant for	<b>US only</b>
III-3-4	Name (LAST, First)	<b>KIM, Hyun-Jung</b>
III-3-5	Address	<b>102-1108 Samchully 2-cha Apt., 1238 Gwonseon-dong, Gwonseon-gu, Suwon-si Gyeonggi-do441-717 Republic of Korea</b>
III-3-6	State of nationality	<b>KR</b>
III-3-7	State of residence	<b>KR</b>

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IV-1	Agent or common representative; or address for correspondence  The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	LEE, Young-Pil
IV-1-2	Address	The Cheonghwa Building, 1571-18 Seocho-dong, Seocho-gu Seoul137-874 Republic of Korea
IV-1-3	Telephone No.	82-2-588-8585
IV-1-4	Facsimile No.	82-2-588-8547
IV-1-5	e-mail	iplaw@yleepat.com
IV-1-6	Agent's registration No.	9-1998-000334-6
<b>V DESIGNATIONS</b>		
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.	
V-2	Item V-2 may be used to exclude (irrevocably) the designations concerned in order to avoid the ceasing of the effect, under the national law, of an earlier national application from which priority is claimed. As to the consequences of such national law provisions in these and certain other States, see Designations in PCT-SAFE Help.	KR
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	29 November 2003 (29.11.2003)
VI-1-2	Number	10-2003-0086048
VI-1-3	Country	KR
VII-1	International Searching Authority Chosen	Korean Intellectual Property Office (ISA/KR)

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VIII	<b>Declarations</b>	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
<b>IX</b>	<b>Check list</b>	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	5	✓
IX-2	Description	10	✓
IX-3	Claims	2	✓
IX-4	Abstract	1	✓
IX-5	Drawings	3	✓
IX-7	<b>TOTAL</b>	<b>21</b>	
	<b>Accompanying Items</b>	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	-	✓
IX-11	Copy of general power of attorney	-	reference no. 6-1-2004-0000213-65
IX-17	PCT-SAFE physical media	-	-
IX-19	Figure of the drawings which should accompany the abstract	4	
IX-20	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative	(PKCS7 Digital Signature)	
X-1-1	Name (LAST, First)	LEE, Young-Pil	
X-1-2	Name of signatory		
X-1-3	Capacity		

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/KR
10-6	Transmittal of search copy delayed until search fee is paid	

**FOR INTERNATIONAL BUREAU USE ONLY**

11-1	Date of receipt of the record copy by the International Bureau	
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**PCT REQUEST (ANNEX - FEE CALCULATION SHEET)**

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(This sheet is not part of and does not count as a sheet of the international application)

0	For receiving Office use only			
0-1	International Application No.			
0-2	Date stamp of the receiving Office			
0-4	Form PCT/RO/101 (Annex) PCT Fee Calculation Sheet			
0-4-1	Prepared Using	<b>PCT-SAFE Version 3.50 (Build 0002.162)</b>		
0-9	Applicant's or agent's file reference	<b>SH-21709-PCT</b>		
2	Applicant	<b>SAMSUNG ELECTRONICS CO., LTD.</b>		
12	Calculation of prescribed fees	fee amount/multiplier	Total amounts (KRW)	
12-1	Transmittal fee	T	45000	
12-2-1	Search fee	S	225000	
12-2-2	International search to be carried out by	KR		
12-3	International filing fee (first 30 sheets)	i1	<b>1329000</b>	
12-4	Remaining sheets	0		
12-5	Additional amount (X)	0		
12-6	Total additional amount	i2	0	
12-7	i1 + i2 =	i	<b>1329000</b>	
12-12	Electronic Filing reduction (Full)	R	-285000	
12-13	Total International filing fee (i-R)	I	1044000	
12-14	Fee for priority document Number of priority documents requested	0		
12-15	Fee per document (X)	0		
12-16	Total priority document fee:	P		
12-17	<b>TOTAL FEES PAYABLE (T+S+I+P)</b>		<b>1314000</b>	
12-19	Mode of payment	cash		